

RDT&E BUDGET ITEM JUSTIFICATION SHEET (R-2 Exhibit)					DATE February 1999																																																															
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APPROPRIATION/BUDGET ACTIVITY			R-1 ITEM NOMENCLATURE																																																																	
Defense Security Service (DSS): RDT&E, Defense-wide			National Foreign Intelligence Program 0305127V																																																																	
COST (in Millions)	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005																																																												
Small and Miscellaneous Grants Program (No project number)	0.405	0.417	0.437	0.442	0.462	0.472	0.482	0.493																																																												
<p>A. <u>Mission Description and Budget Item Justification</u></p> <p>The RDT&E funds contained in the DSS budget are administered by the Department of Defense Polygraph Institute. These funds provide grants for master's and doctoral degree students and funding to academic and private industry research in forensic psychophysiology. Additionally, funds provide for external contracts for projects that are incorporated in the Institute's prioritized research plan. This plan was developed at the request of the Security Board. The research program has three Congressionally mandated research areas: (1) evaluate the validity of polygraph techniques, (2) conduct research on polygraph countermeasures, and (3) conduct developmental research to improve polygraph technology. Research falls into four major categories: (1) computerization of polygraph test results, (2) new physiological measures and equipment, (3) new test formats and procedures, and (4) miscellaneous grants to construct a computerized data base that contains studies and statistics on polygraph studies.</p>																																																																				
<p>B. <u>Program Change Summary</u></p> <table border="1"> <thead> <tr> <th></th> <th>FY 1998</th> <th>FY 1999</th> <th>FY 2000</th> <th>FY 2001</th> <th>Total Costs</th> </tr> </thead> <tbody> <tr> <td>FY 1999 President's Budget - Feb 1999</td> <td>0.419</td> <td>0.418</td> <td>0.437</td> <td>0.442</td> <td>1.716</td> </tr> <tr> <td>Appropriated Value</td> <td>0.419</td> <td>0.418</td> <td>0.437</td> <td>0.442</td> <td>1.716</td> </tr> <tr> <td>Adjustments to Appropriated Value</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td> a. Inflation Reduction, FY 1997</td> <td>0.000</td> <td>0.000</td> <td>0.000</td> <td>0.000</td> <td>0.000</td> </tr> <tr> <td> b. Section 8043: Title III & IV</td> <td>(0.006)</td> <td>0.000</td> <td>0.000</td> <td>0.000</td> <td>(0.006)</td> </tr> <tr> <td> c. Section 8106: RDT&E Red</td> <td>(0.005)</td> <td>0.000</td> <td>0.000</td> <td>0.000</td> <td>(0.005)</td> </tr> <tr> <td> d. Economic Adjustment</td> <td>(0.002)</td> <td>0.000</td> <td>0.000</td> <td>0.000</td> <td>(0.002)</td> </tr> <tr> <td> e. General Reduction</td> <td>(0.001)</td> <td>(0.001)</td> <td>0.000</td> <td>0.000</td> <td>(0.002)</td> </tr> <tr> <td>FY 2000 President's Budget - Feb 1999</td> <td>0.405</td> <td>0.417</td> <td>0.437</td> <td>0.442</td> <td>1.701</td> </tr> </tbody> </table>										FY 1998	FY 1999	FY 2000	FY 2001	Total Costs	FY 1999 President's Budget - Feb 1999	0.419	0.418	0.437	0.442	1.716	Appropriated Value	0.419	0.418	0.437	0.442	1.716	Adjustments to Appropriated Value						a. Inflation Reduction, FY 1997	0.000	0.000	0.000	0.000	0.000	b. Section 8043: Title III & IV	(0.006)	0.000	0.000	0.000	(0.006)	c. Section 8106: RDT&E Red	(0.005)	0.000	0.000	0.000	(0.005)	d. Economic Adjustment	(0.002)	0.000	0.000	0.000	(0.002)	e. General Reduction	(0.001)	(0.001)	0.000	0.000	(0.002)	FY 2000 President's Budget - Feb 1999	0.405	0.417	0.437	0.442	1.701
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<p>The Operation and Maintenance, Defense-wide appropriation is charged for the salaries and support costs for seven polygraph positions; and beginning in FY 1999 for one instructor focusing on FCI initiatives and one quality assurance inspector focusing on FCI polygraph standardization issues (9 positions).</p> <table> <thead> <tr> <th><u>FY 1998</u></th> <th><u>FY 1999</u></th> <th><u>FY 2000</u></th> <th><u>FY 2001</u></th> <th><u>FY 2002</u></th> <th><u>FY 2003</u></th> <th><u>FY 2004</u></th> <th><u>FY 2005</u></th> </tr> </thead> <tbody> <tr> <td>0.6</td> <td>0.8</td> <td>0.9</td> <td>0.9</td> <td>0.9</td> <td>0.9</td> <td>1.0</td> <td>1.0</td> </tr> </tbody> </table> <p>D. <u>Schedule Profile</u></p> <p>There are no scheduled acquisition, program, T&E, or contract milestones.</p>			<u>FY 1998</u>	<u>FY 1999</u>	<u>FY 2000</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	<u>FY 2005</u>	0.6	0.8	0.9	0.9	0.9	0.9	1.0	1.0
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